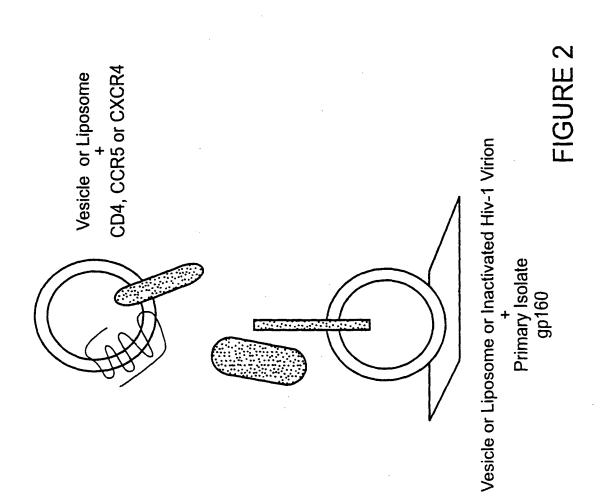
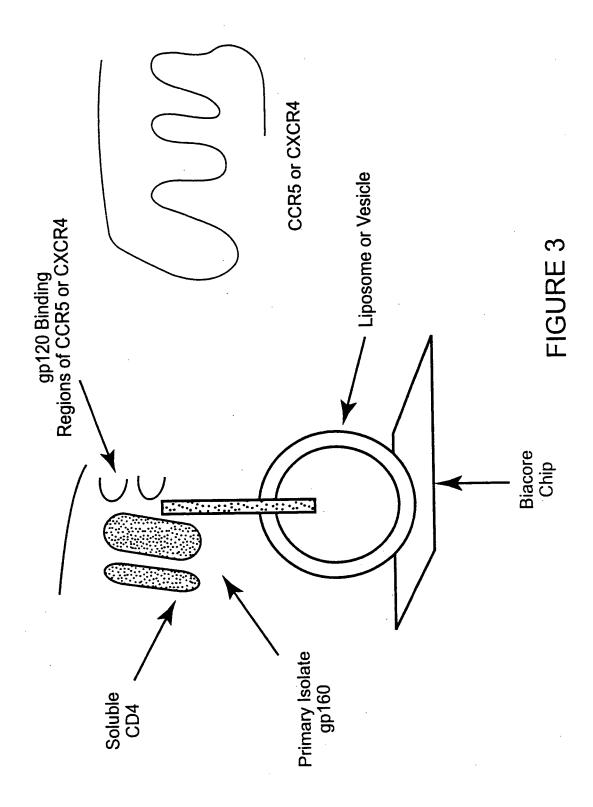


FIGURE 1





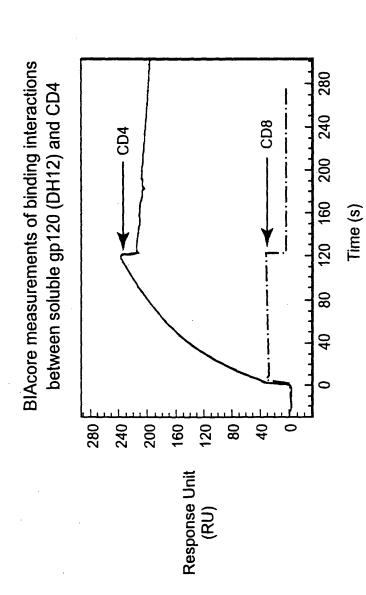
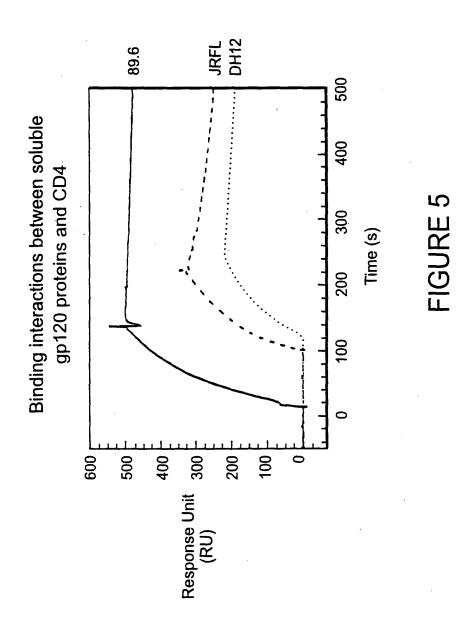


FIGURE 4



Kinetics and binding affinities of the interactions between pg120 and CD4

t _{1/2} min	14 30 136
Å∑	1.5x10 ⁻⁷ 7.8x10 ⁻⁸ 1.8x10 ⁻⁸
k _d .s ⁻¹ (off-rate)	8.84×10-4 3.86×10-4 8.48×10-5
k _a M ⁻¹ s ⁻¹ (on-rate)	6.0x10 ³ 4.9x10 ³ 4.6x10 ³
gp120	JRFL DH12 89.6

FIGURE 6

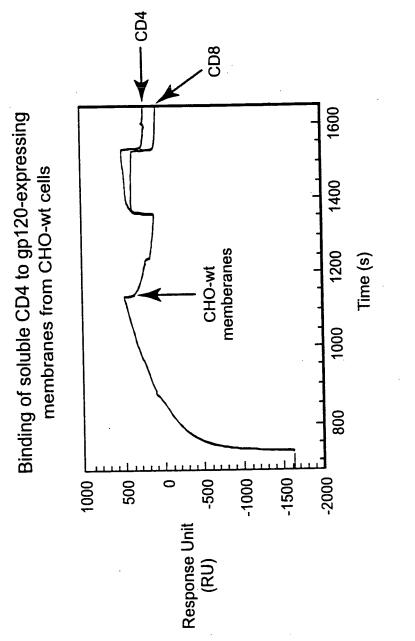


FIGURE 7

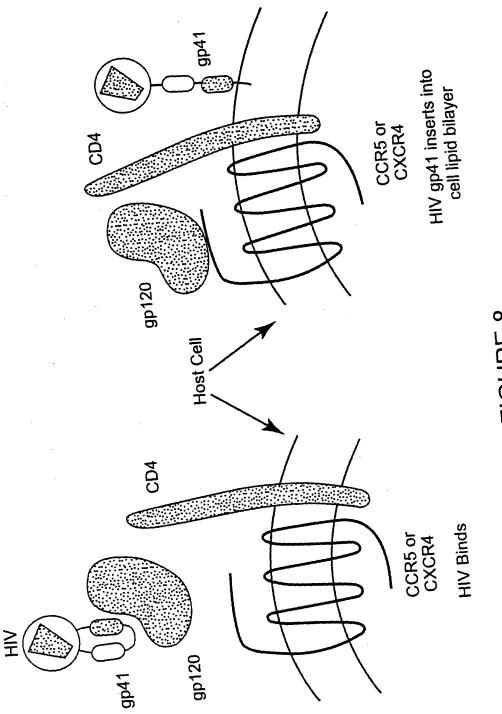
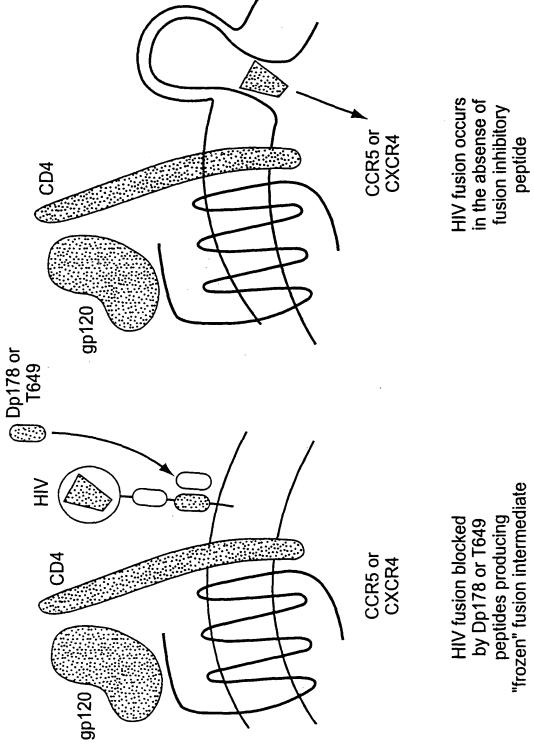


FIGURE 8



Pepur FIGURE 9

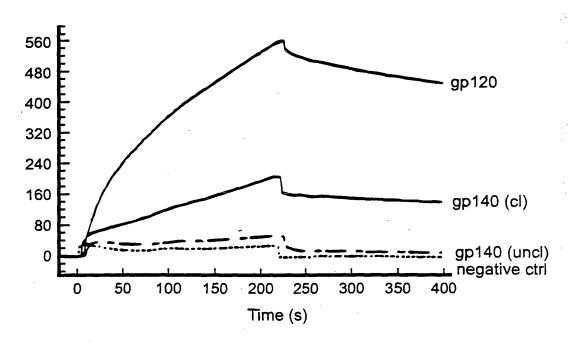


FIGURE 10A

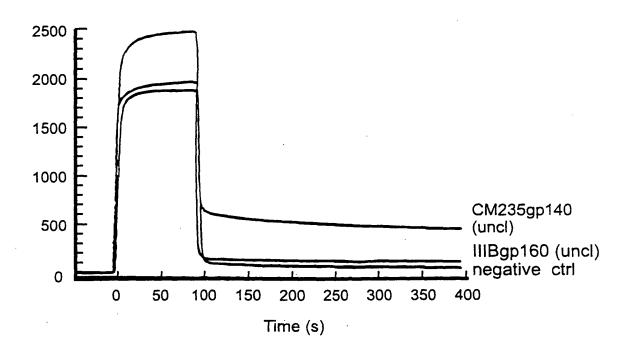


FIGURE 10B

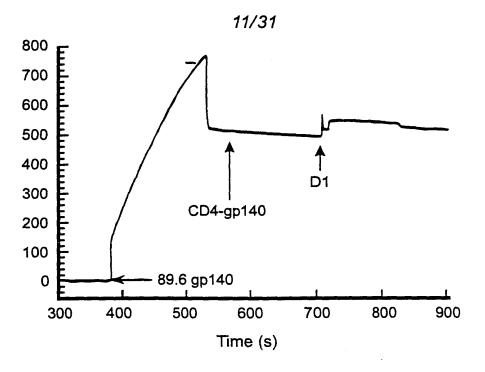


FIGURE 10C

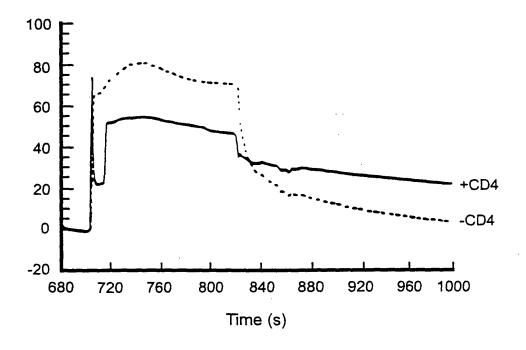
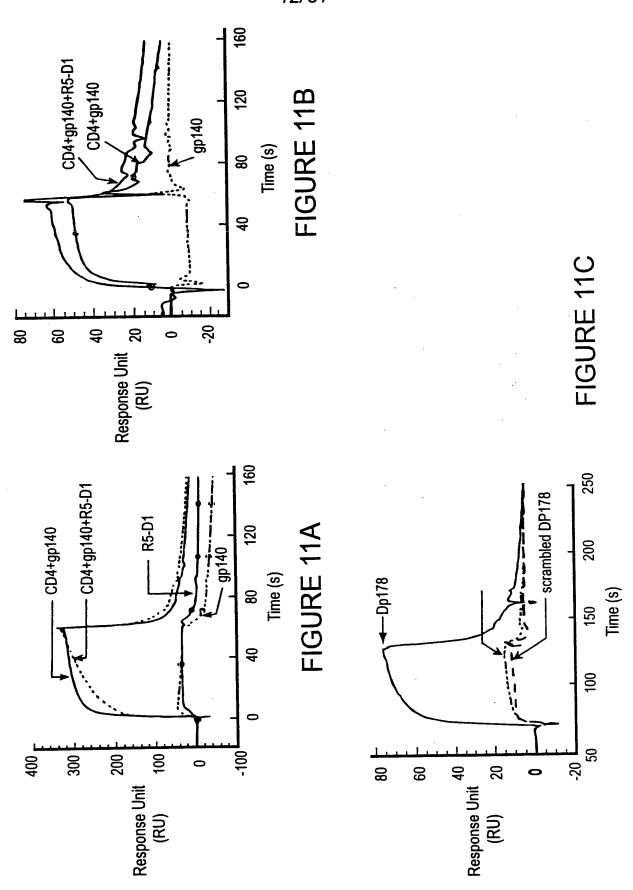


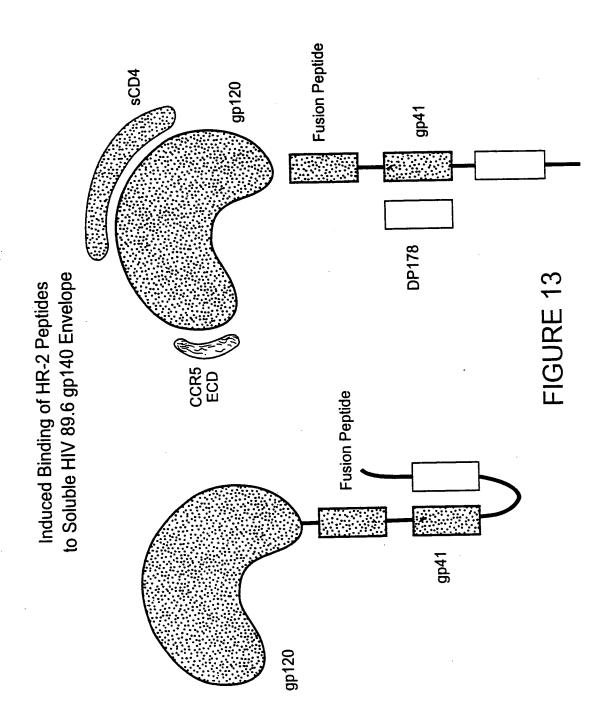
FIGURE 10D



9.68	89.6 gp140	Αa	Kd	K _d	t1/2	Rm
		M-1s-1	r ₋ s	μM	S	R
DP178						
CD4+	CD4+gp140	7.9X10 ³	5.6X10 ⁻³	7.0	124	320
CD4+	CD4+gp140+R5-D1	3.47X10 ³		7:	180	328
gp14(gp140+R5-D1	mu		mu	шu	38
gp140	0	mu	шu	ш	ши	35
T694QL						
CD4+	CD4+gp140	$6.2X10^{3}$	1.46X10 ⁻²	2.4	. 48	53
CD4+	CD4+gp140+R5-D1	5.1X10 ³	5.3X10 ⁻³	1.0	131	64
gp14(gp140+R5-D1	mu .	mu	Eu.	шu	0
gp140	C	шu	mu	шu	шu	0

FIGURE 11D

Anti-gp120 mab T8	Without sCD4 7 8 9 10					
Ant	With V SCD4					FIGURE 12
Anti-gp41 mab 7B2	With Without sCD4					FIGU
∢ ⊑	With sCD4	•				
		kD 204 124	83	43 —	32 —	



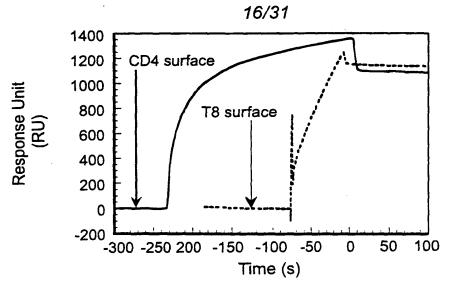


FIGURE 14A

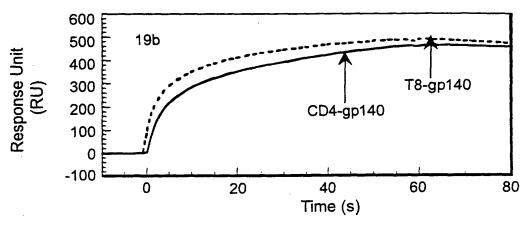


FIGURE 14B

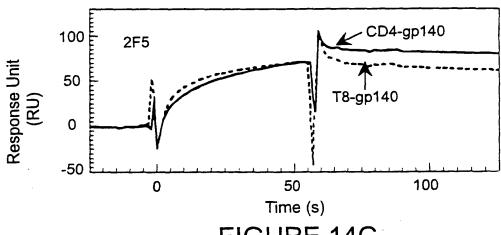
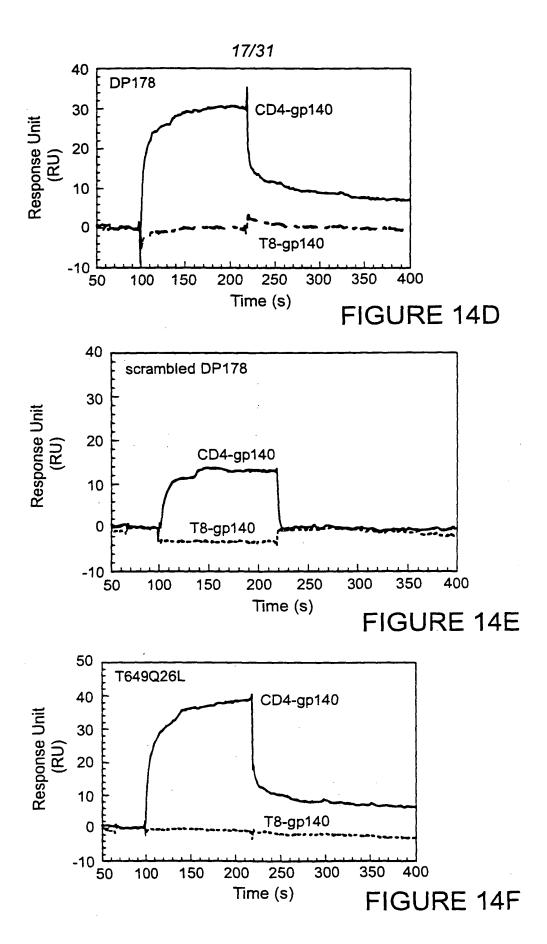
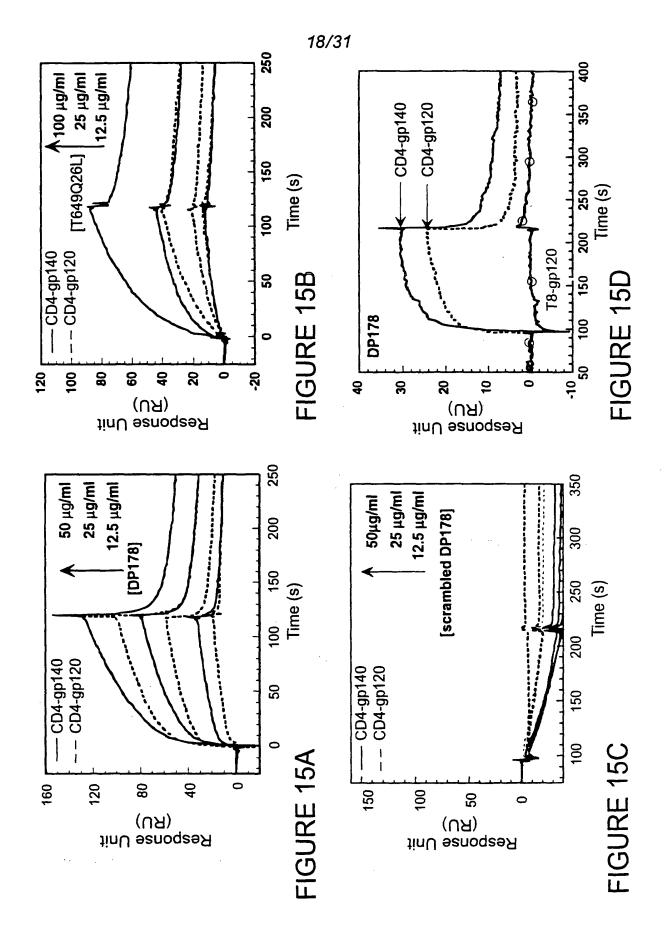


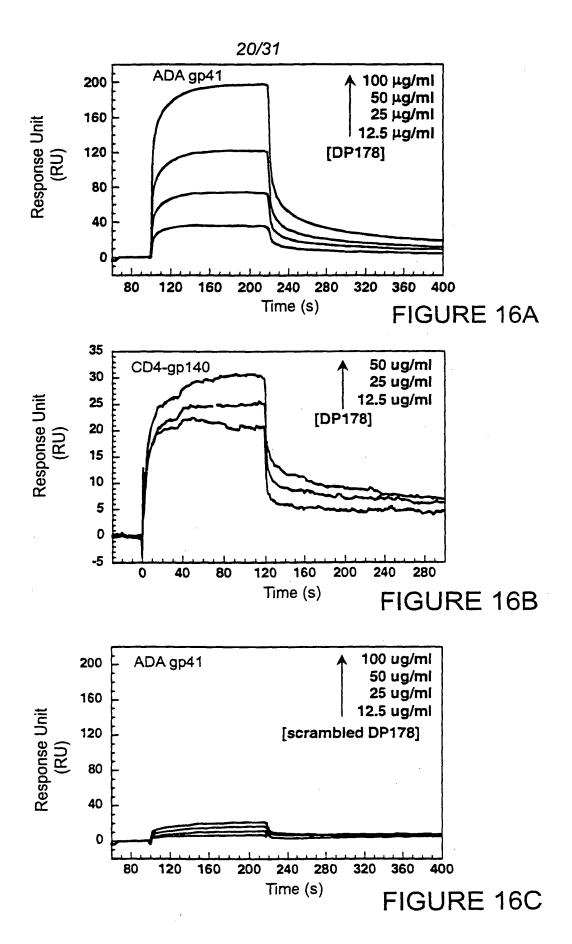
FIGURE 14C

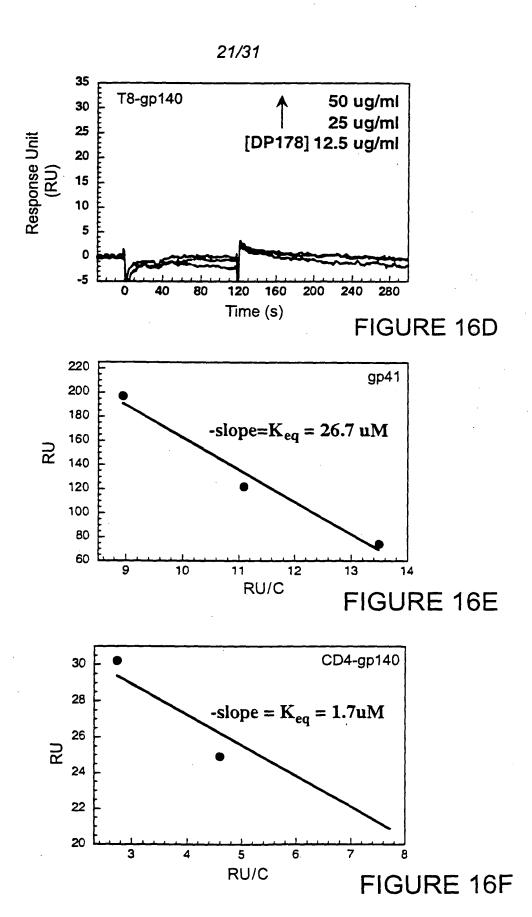




	kon M ⁻¹ s ⁻ 1	koff s-1	Ka M	t1/2 s
DP178				·
CD4-gp120	0.75×10^{3}	1.5×10^{-3}	2.0	462
CD4-gp140	0.93×10 ³	1.0×10 ⁻³	1.	693
T649Q26L				
CD4-gp120	1.26×10 ³	3.2×10 ⁻³	2.54	217
CD4-gp140	0.88×10 ³	1.1×10 ⁻³	1.20	089

FIGURE 15E





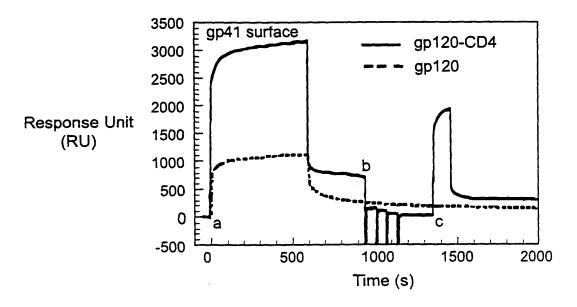


FIGURE 17A

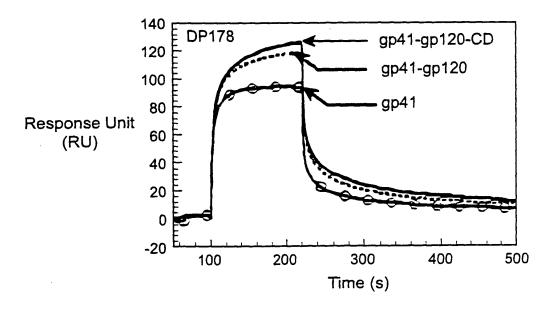


FIGURE 17B

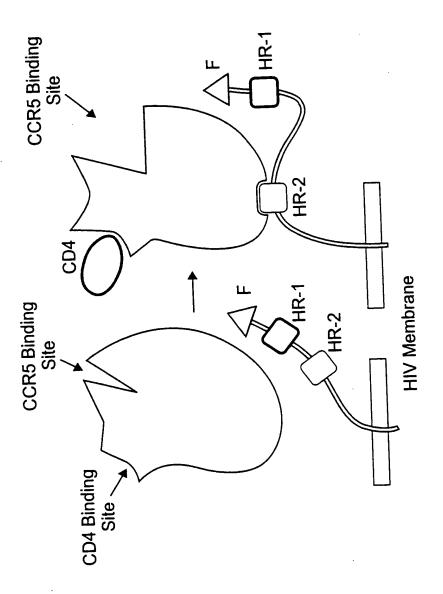


FIGURE 18

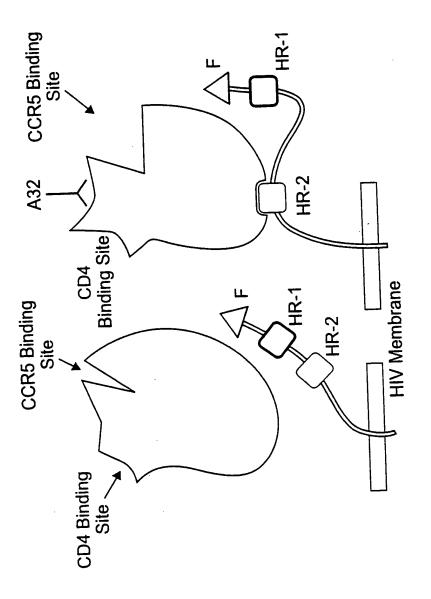


FIGURE 19

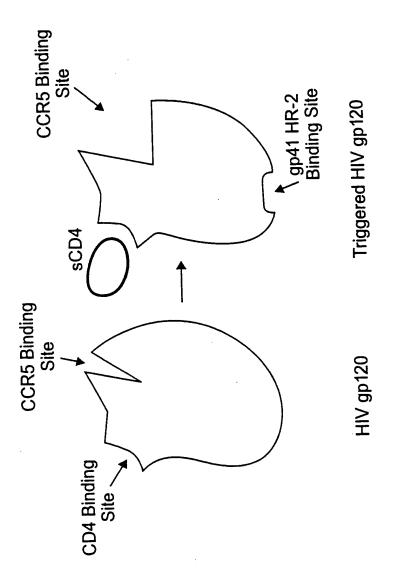


FIGURE 20

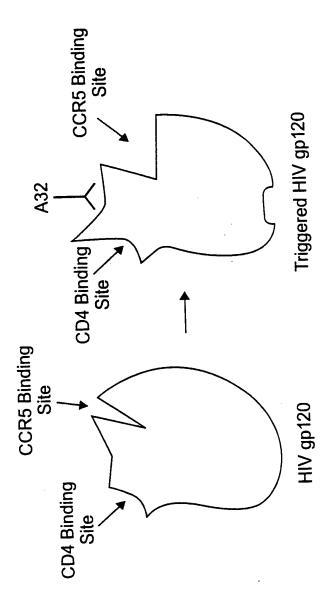


FIGURE 21

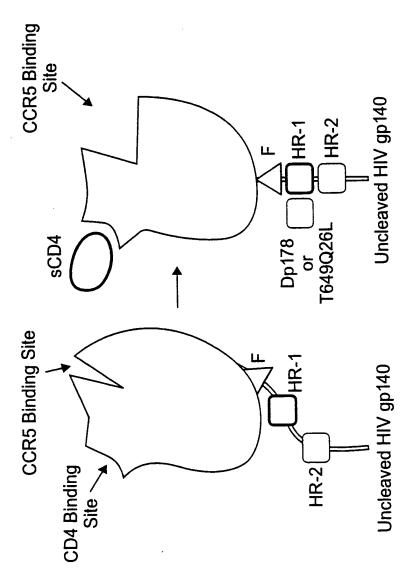


FIGURE 22

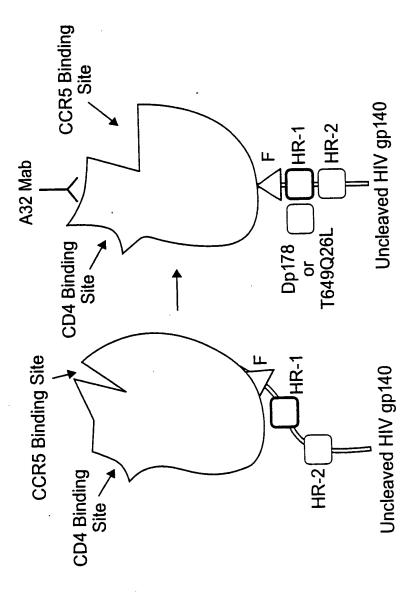


FIGURE 23

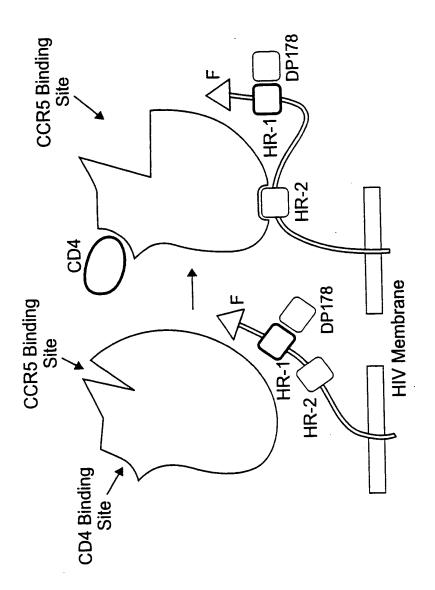


FIGURE 24

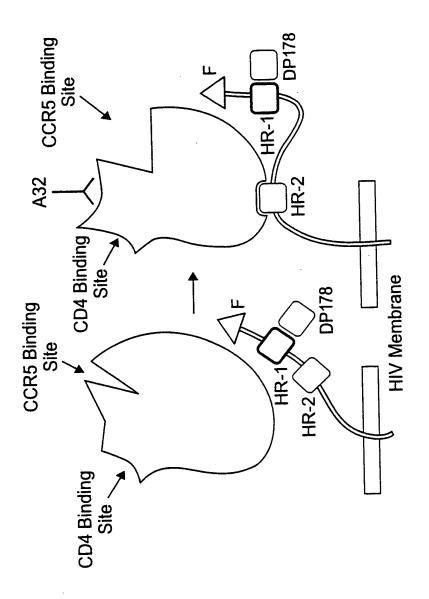


FIGURE 25

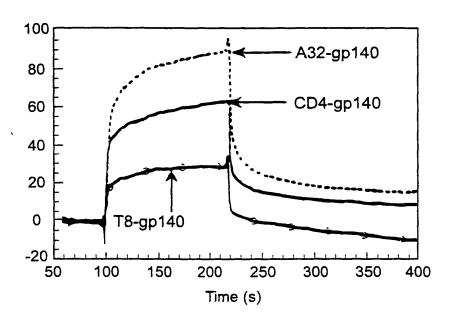


FIGURE 26